

06/13/01

JC962 U.S. PTO

06-15-01

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PTO/SB/05 (11-00)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

|                        |   |
|------------------------|---|
| Attorney Docket No.    | USP1556A-GNC  |
| First Inventor         | Ching-Fang LIN  |
| Title                  | Method for Target Detection and Identification by Using Proximity Pixel |
| Express Mail Label No. | EL 745708796 US   |

JC972 U.S. PTO

09/881272

06/13/01

Information

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2. ☒ Applicant claims small entity status.  
See 37 CFR 1.27.
3. ☒ Specification (Total Pages 29)  
(preferred arrangement set forth below)
  - Descriptive title of the invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) (Total Sheets 6)
5. Oath or Declaration (Total Pages 1)
  - a. ☒ Newly executed (original or copy)
  - b. ☐ Copy from a prior application (37 CFR 1.63 (d))  
(for continuation/divisional with Box 18 completed)
  - i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. ☐ Application Data Sheet See 37 CFR 1.76

**ADDRESS TO:**Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
  - a. ☐ Computer Readable Form (CRF)
  - b. Specification Sequence Listing on:
    - i. ☐ CD-ROM or CD-R (2 copies); or
    - ii. ☐ paper
  - c. ☐ Statements verifying identity of above copies

**ACCOMPANYING APPLICATION PARTS**

9. ☐ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement (when there is an assignee) ☐ Power of Attorney
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure Statement (IDS) PTO-1449 ☐ Copies of IDS Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s) (if foreign priority is claimed)
16. ☐ Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. ☐ Other: \_\_\_\_\_

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP)

of prior application No. \_\_\_\_\_ / \_\_\_\_\_

Prior application information:

Examiner \_\_\_\_\_

Group Art Unit \_\_\_\_\_

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

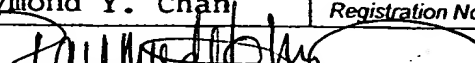
**19. CORRESPONDENCE ADDRESS**☐ Customer Number or Bar Code Label

(Insert Customer No. or Attach Bar code label here)

or ☒

Correspondence address below

|         |                                |           |             |          |             |
|---------|--------------------------------|-----------|-------------|----------|-------------|
| Name    | David and Raymond Patent Group |           |             |          |             |
| Address | 1050 Oakdale Lane              |           |             |          |             |
| City    | Arcadia                        | State     | CA          | Zip Code | 91006       |
| Country | USA                            | Telephone | 626-5719812 | Fax      | 626-5719813 |

|                   |  |                                   |            |
|-------------------|--|-----------------------------------|------------|
| Name (Print/Type) | Raymond Y. Chan  | Registration No. (Attorney/Agent) | 37,484     |
| Signature         |  | Date                              | 06/13/2001 |

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

# FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$ 422.00)

## Complete if Known

Application Number  
Filing Date  
First Named Inventor Ching-Fang LIN  
Examiner Name  
Group Art Unit  
Attorney Docket No. USP1556A-GNC

## METHOD OF PAYMENT

1. ☐ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number  
Deposit Account Name

☐ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

☒ Applicant claims small entity status. See 37 CFR 1.27

2. ☒ Payment Enclosed:

☒ Check ☐ Credit card ☐ Money Order ☐ Other

## FEE CALCULATION

### 1. BASIC FILING FEE

| Large Entity | Small Entity | Fee Code | Fee (\$) | Fee Description        | Fee Paid |
|--------------|--------------|----------|----------|------------------------|----------|
| 101          | 710          | 201      | 355      | Utility filing fee     | \$355    |
| 106          | 320          | 206      | 160      | Design filing fee      |          |
| 107          | 490          | 207      | 245      | Plant filing fee       |          |
| 108          | 710          | 208      | 355      | Reissue filing fee     |          |
| 114          | 150          | 214      | 75       | Provisional filing fee |          |

SUBTOTAL (1) (\$ 355.00)

### 2. EXTRA CLAIM FEES

Total Claims 23  
Independent Claims  
Multiple Dependent

Extra Claims 20\*\* = 3 x \$9 = \$27  
Fee from below  
Fee Paid

| Large Entity | Small Entity | Fee Code | Fee (\$) | Fee Description   |
|--------------|--------------|----------|----------|---|
| 103          | 18           | 203      | 9        | Claims in excess of 20                                  |
| 102          | 80           | 202      | 40       | Independent claims in excess of 3                       |
| 104          | 270          | 204      | 135      | Multiple dependent claim, if not paid                   |
| 109          | 80           | 209      | 40       | Reissue independent claims over original patent         |
| 110          | 18           | 210      | 9        | Reissue claims in excess of 20 and over original patent |

SUBTOTAL (2) (\$ 27.00)

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

| Large Entity | Small Entity | Fee Code | Fee (\$) | Fee Description  | Fee Paid |
|--------------|--------------|----------|----------|--|----------|
| 105          | 130          | 205      | 65       | Surcharge - late filing fee or oath  |          |
| 127          | 50           | 227      | 25       | Surcharge - late provisional filing fee or cover sheet                     |          |
| 139          | 130          | 139      | 130      | Non-English specification  |          |
| 147          | 2,520        | 147      | 2,520    | For filing a request for ex parte reexamination                            |          |
| 112          | 920*         | 112      | 920*     | Requesting publication of SIR prior to Examiner action                     |          |
| 113          | 1,840*       | 113      | 1,840*   | Requesting publication of SIR after Examiner action                        |          |
| 115          | 110          | 215      | 55       | Extension for reply within first month                                     |          |
| 116          | 390          | 216      | 195      | Extension for reply within second month                                    |          |
| 117          | 890          | 217      | 445      | Extension for reply within third month                                     |          |
| 118          | 1,390        | 218      | 695      | Extension for reply within fourth month                                    |          |
| 128          | 1,890        | 228      | 945      | Extension for reply within fifth month                                     |          |
| 119          | 310          | 219      | 155      | Notice of Appeal   |          |
| 120          | 310          | 220      | 155      | Filing a brief in support of an appeal                                     |          |
| 121          | 270          | 221      | 135      | Request for oral hearing   |          |
| 138          | 1,510        | 138      | 1,510    | Petition to institute a public use proceeding                              |          |
| 140          | 110          | 240      | 55       | Petition to revive - unavoidable   |          |
| 141          | 1,240        | 241      | 620      | Petition to revive - unintentional   |          |
| 142          | 1,240        | 242      | 620      | Utility issue fee (or reissue)   |          |
| 143          | 440          | 243      | 220      | Design issue fee   |          |
| 144          | 600          | 244      | 300      | Plant issue fee  |          |
| 122          | 130          | 122      | 130      | Petitions to the Commissioner  |          |
| 123          | 50           | 123      | 50       | Processing fee under 37 CFR 1.17(q)  |          |
| 126          | 180          | 126      | 180      | Submission of Information Disclosure Stmt                                  |          |
| 581          | 40           | 581      | 40       | Recording each patent assignment per property (times number of properties) | \$40     |
| 146          | 710          | 246      | 355      | Filing a submission after final rejection (37 CFR § 1.129(a))              |          |
| 149          | 710          | 249      | 355      | For each additional invention to be examined (37 CFR § 1.129(b))           |          |
| 179          | 710          | 279      | 355      | Request for Continued Examination (RCE)                                    |          |
| 169          | 900          | 169      | 900      | Request for expedited examination of a design application                  |          |

Other fee (specify)

\*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$ 40.00)

## SUBMITTED BY

Name (Print/Type) Raymond Y. Chan  
Signature  
Registration No. (Attorney/Agent) 37,484  
Telephone 626-571-9812  
Date 06/13/2001

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

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**In the United States Patent and Trademark Office**

Commissioner of Patents and Trademarks  
Washington, District of Columbia 20231

Mailed: June 13, 2001  
Attorney Docket: USP1556A-GNC

Sir:

Please file the following enclosed patent application papers:

Applicant #1, Name: Ching-Fang LIN

Applicant #2, Name: \_\_\_\_\_

Title: Method for Target Detection and Identification by Using Proximity Pixel Information

☒ Specification, Claims, and Abstract: Nr. Of Sheets 29

☒ Declaration: Date Signed: 06/11/2001

☒ Drawing(s): Nr. Of Sheets Enc.: (In Triplicate): Formal: 6 Informal: \_\_\_\_\_

☒ The applicant claims small entity status. See 37 CFR 1.27

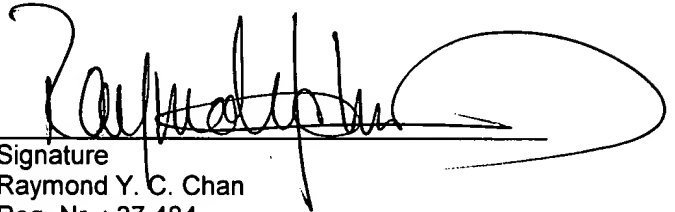
☒ Assignment; please record and return; recordal fee enclosed.

☒ Check for \$ 382.00 for:

☒ \$ 382.00 for filing fee (not more than three independent claims and twenty total claims are presented).

☒ \$ 40 Additional of Assignment is enclosed for recordal.

Very respectfully,

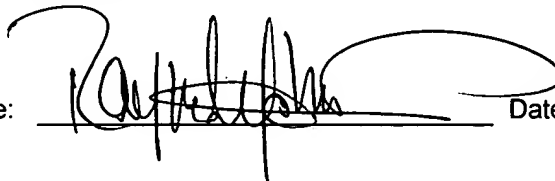
  
\_\_\_\_\_  
Signature  
Raymond Y. C. Chan  
Reg. Nr. : 37,484

1050 Oakdale Lane,  
Arcadia, CA 91006

**Certificate of Mailing**

Express Mail: EL 745708796 US

I hereby certify that this paper or fee is being deposited with the United States Postal Service using "Express Mail Post Office To Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to "Commissioner of Patents and Trademarks, Washington, DC 20231".

Signature:  \_\_\_\_\_ Date: 06/13/2001

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